

AQUAFINE

# VL™ Series

Compact design and economical UV water treatment for low-flow Industrial applications



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## A Robust, Versatile and Cost-effective UV System.

Aquafine's VL Series provides a compact design and economical ultraviolet (UV) water treatment for low-flow applications, such as laboratory and medical facility water, pharmaceutical make-up processes, final electronic component rinsing and recirculation loops.

### Features (Base Model)

- Sample ports
- Audible alarm
- Lamp status indicator
- Digital display of lamp days remaining
- High Output lamp technology
- Controller 100V to 240V
- 316L stainless steel treatment chamber
- Auxiliary Output (120 V)

The Aquafine VL Series is a superior product design over the previous model offering with all of the same core features, with a smaller footprint and more versatile design. The VL base models come standard with many additional options over the prior system offered.

### Options

- NIST UV intensity monitor
- Sanitary Tri-Clamp connection
- Power Cord (NA, EU, AUS/NZ, UK)

### Applications

- Disinfection
- TOC Reduction
- Ozone Destruction

## Key Benefits

### Aquafine VL

**Compact footprint for installation flexibility.** Can handle maximum flow capacity in minimal space. Its compact design allows it to be installed in restrictive spaces, thereby lowering installation costs.

**High Output Lamp Technology.** The High Output lamp technology efficiency allows for a more compact UV lamp and chamber, resulting in improved installation flexibility and small footprint – while maintaining the same level UV performance from a sizing perspective.

**Flexible horizontal or vertical installations.** Flexibility with an easily mounted controllers, allows for more installation placement options for the system, especially in tight spaces.

**Quick and easy installation and service.** S-Shaped Inlet and Outlet allows for a streamlined installation and direct access to the controller and lamp/sleeve makes for an easy maintenance and lamp replacement experience.

**Suitable for sanitary applications.** Meet high sanitary requirements with high-performance Viton O-rings on the base model and optional Tri-Clamp flange connections.

**Robust feature set on base model.** Includes sample ports, Viton o-ring, digital display of remaining lamp life in days, audible lamp replacement and fault alarms.

## The Benefits of UV

### Broad-spectrum, cost-effective protection that offers unparalleled safety

- Chemical-free way to safeguard water against harmful pathogens
- Widely accepted and endorsed worldwide for disinfection of drinking water
- Offers broad-spectrum protection against a wide range of pathogens, including bacteria, viruses, and chlorine-resistant protozoa
- Provides Cryptosporidium, Giardia and virus inactivation of up to 4-log (99.99%)
- Does not create disinfection by-products (DBPs) and does not affect taste
- At approximately 1/5th the cost of ozone disinfection and 1/10th the cost of membrane filtration, UV is the most cost-effective approach for multi-barrier treatment strategies

